

ILLINOIS WEATHER & CROPS



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CROPS

WINTER WHEAT condition on January 16 was reported as 6% excellent, 62% good, 31% fair and 1% poor. Early planted wheat generally is in the best condition, while much of the late planted wheat is in poorer condition. Weather conditions have been mild through the winter thus far, with the winter wheat crop showing little or no significant winterkill damage.

SOIL MOISTURE on January 16 was reported as 17% surplus, 80% adequate, and 3% short.

LIVESTOCK condition across the State is mostly good. Reports of muddy feedlots have been reported because of mild temperatures and above normal precipitation in the west and central areas. Hay supplies are mostly adequate across the State.

WEATHER

TEMPERATURES during the first 15 days of January in the northwestern half of the State has been 2 to 4° above normal, whereas the southeastern half was 0 to 2° below normal. During the last three days, temperatures were 10 to 15° above normal over the entire State.

PRECIPITATION during this period varied between 0.4 and 0.6 inch in the northern half, and from 0.3 to 1.3 inch in the remainder of the State. These amounts were about 0.2 inch above normal for the North, but as much as 1.4 inch below normal in the South.

Although much of the northern half of the State observed some frost on the ground during late December, as of the 1st of January, there was essentially no frost reported in Illinois. Snowfall for the two weeks was almost totally received on January 9 and 10. This severe winter storm dropped from 8 to 11 inches in about 24 hours south of a line from Jacksonville to Champaign, and north of a line from Belleville to Paris. The heaviest fall reported was 10 inches at Paris and 11.1 inches at Belleville. Six inches or more also fell in the northeast part of the State, while less than 2 inches were reported north of a line from Quincy

to Freeport. The southeasternmost counties received only rain. Interestingly, there was little wind with the storm (although there was some drifting on the 11th), and virtually no cold air behind it.

The **OUTLOOK** for the rest of January is for temperatures to be above normal, especially in the North. Precipitation is expected to be near normal.

The **90-DAY OUTLOOK** from January through March is for temperatures and precipitation to be near normal.

DECEMBER WEATHER SUMMARY

The Statewide average monthly **TEMPERATURE** was 1.0° above normal as temperatures ranged from 4° above normal to 3° below normal. Morrison, in the Northwest District, recorded the largest above normal variation (5° above normal), while Carbondale, in the Southwest District, recorded the largest below normal variation (3° below normal). During the first half of the month, temperatures were above normal with maximum readings climbing into the 40's and 50's. From the 9th through the 13th a cool period developed, sending minimum readings to -2° below zero in Rockford. By the 14th of the month, temperatures had again climbed above normal.

PRECIPITATION averaged below normal in the State (-0.70 inches below normal.) Most of the districts were 0.50 to 1 inch below normal. However, the East District was above normal. The largest below normal variation was in the East-Southeast District (-1.07 inches below normal), while the only above normal variation was in the East District (0.07 of an inch above normal). Benton, in the Southeast District received the greatest monthly total precipitation (2.79 inches). Freeport, in the Northwest District, received the least monthly total with 0.60 of an inch. Illinois received light to moderate precipitation during the first half of the month. During the last half of the month, the South received moderate rainfall while the North remained dry. Snowfall was very light during the month. The greatest amount was recorded at Aurora, in the Northeast District.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
	As of January 16									
Soil Moisture Percent:										
Short	5	5	0	5	5	0	5	0	0	3
Adequate	85	95	80	80	95	70	60	85	65	80
Surplus	10	0	20	15	0	30	35	15	35	17

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.

Additional WEATHER INFORMATION is provided by Midwest Agr. Weather Serv. Ctr. (W. Lafayette, Ind.) and National Weather Service Cooperative Observers.

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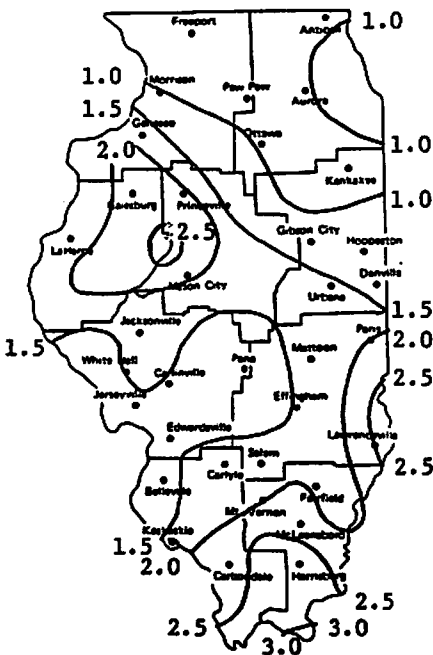
NEWSPAPER TIME VALUE

Illinois Weather & Crops
January 20, 1987

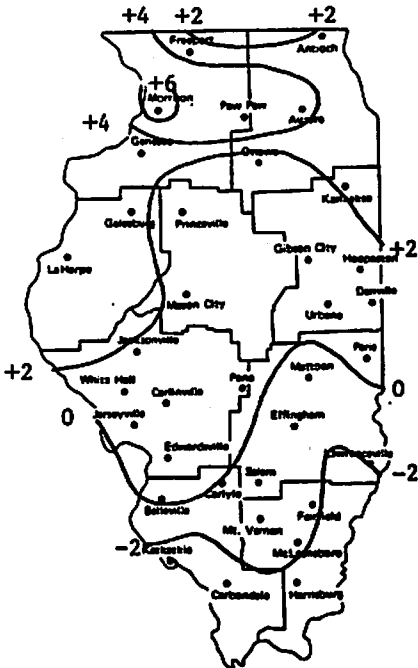
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PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

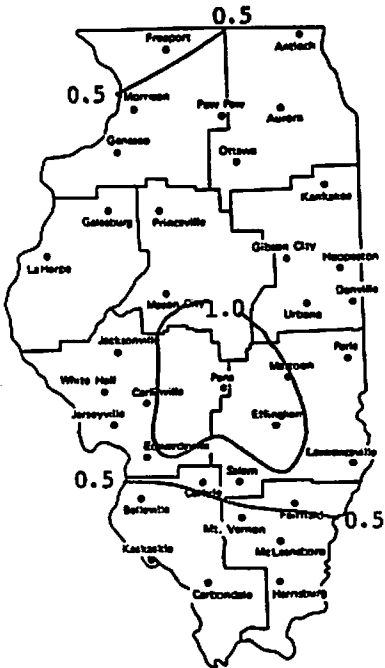
	NW	NE	W	C	E	WSW	ESE	SW	SE
December	1.27	0.96	1.89	2.20	1.24	1.54	1.71	2.04	2.28
Departure	-0.57	-1.06	-0.03	0.07	-0.96	-0.64	-1.07	-1.02	-1.03



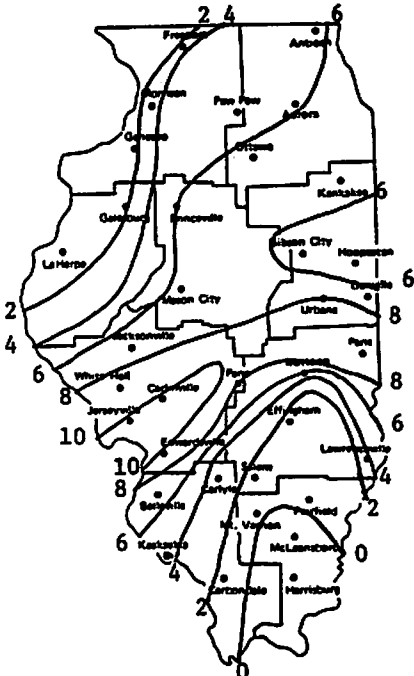
TOTAL PRECIPITATION--
DECEMBER 1986 (INCHES)



TEMPERATURES--DECEMBER 1986
DEPARTURE FROM NORMAL (°F)



PRECIPITATION FROM
JANUARY 1-15 (INCHES)



SNOWFALL (INCHES)
JANUARY 9 & 10, 1987